4

WEST Search History

DATE: Wednesday, July 02, 2003

| Set Name | | Hit Count | |
|--------------|---|-----------|------------|
| side by side | | | result set |
| $DB \cap US$ | SPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR «YES; OP «ADJ | | |
| L11 | ((nicotin\$3 and (transdermal\$3 or device or patch) and (acrylic same adhesive) and (silicone same adhesive)) and (reservoir or matrix)) | 148 | L11 |
| L10 | (nicotin\$3 and (transdermal\$3 or device or patch) and (acrylic same adhesive) and (silicone same adhesive)) | 175 | L10 |
| L9 | (nicotin\$3 and (transdermal\$3 or device or patch) and acrylic adhesive and silicone adhesive) | 54 | L9 |
| L8 | ((((nicotin\$3 and mecamylamine) and (transdermal\$3 or device or patch))) and \$4layer and adhesive) | 23 | L8 |
| L7 | ((((nicotin\$3 and mecamylamine) and (transdermal\$3 or device or patch))) and \$4layer and adhesive) | 23 | L7 |
| L6 | (((nicotin\$3 and mecamylamine) and (transdermal\$3 or device or patch))) | 158 | L6 |
| L5 | L4 and nicotine | 2 | L5 |
| L4 | L3 and transdermal and pressure sensitive adhesive | 8 | L4 |
| L3 | (butyl or ethylhexyl or isooctyl or octyl or isoctyl) same acrylate same blend | 3060 | L3 |
| L2 | duro tak same blend | 14 | L2 |
| DB=US | PT; $PLUR = YES$; $OP = ADJ$ | | |
| L1 | 5004610.pn. | 1 | L1 |

END OF SEARCH HISTORY

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Patent Assignment Abstract of Title

T tal Assignments: 1

Application #: 09456278 **Filing Dt:** 12/07/1999 Patent #: NONE

Issue Dt:

PCT #: NONE

Publication #: NONE

Pub Dt:

Inventors: Jesus Miranda, Charles J. Betlach II

Title: TRANSDERMAL PATCH FOR DELIVERING VOLATILE LIQUID DRUGS

Assignment: 1

Reel/Frame: <u>010623/0598</u> **Received:** 03/24/2000

Recorded: 02/25/2000

Mailed: 05/16/2000

Pages: 3

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: MIRANDA, JESUS

Exec Dt: 02/10/2000

BETLACH, CHARLES J. II

Exec Dt: 02/14/2000

Assignee: ELAN PHARMA INTERNATIONAL LIMITED

WIL HOUSE, SHANNON BUSINESS PARK

SHANNON, CLARE, IRELAND

Correspondent: ELAN HOLDINGS, INC.

KIRSTEN A. ANDERSON, ESO.

1300 GOULD DRIVE GAINESVILLE, GA 30504

Search Results as of: 7/2/2003 4:52:32 P.M.

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 703-308-9723 Web interface last modified: Oct. 5, 2002



PALM INTRANET

Day: Wednesday Date: 7-2-2003 __ Time: 16:53:07

Inventor Name Search Result

Your Search was:

Last Name = MIRANDA First Name = JESUS

| Application# | Patent# | Status | Date Filed | Title | Inventor Name |
|--------------|------------|--------|------------|---|--------------------|
| 60408874 | Not Issued | 020 | 09/09/2002 | PATCH FOR TRANSCUTANEOUS IMMUNIZATION | MIRANDA, JESUS |
| 60280533 | Not Issued | 020 | 03/30/2001 | TRANSDERMAL DELIVERY OF PERGOLIDE | MIRANDA, JESUS |
| 60280532 | Not Issued | 020 | 03/30/2001 | TRANSDERMAL DELIVERY OF BIOACTIVE MATERIAL | MIRANDA, JESUS |
| 60276497 | Not Issued | 020 | 03/19/2001 | PATCH FOR TRANSCUTANEOUS IMMUNIZATION | MIRANDA, JESUS |
| 60111285 | Not Issued | 159 | 12/07/1998 | TRANSDERMAL PATCH FOR DELIVERING VOLATILE LIQUID DRUGS | MIRANDA , JESUS |
| 60111231 | Not Issued | 159 | 12/07/1998 | TRANSDERMAL PATCH FOR DELIVERING VOLATILE LIQUID DRUGS | MIRANDA , JESUS |
| 09860572 | Not Issued | 161 | 05/21/2001 | SOLUBILITY PARAMETER BASED DRUG DELIVERY SYSTEM AND METHOD FOR ALTERING DRUG SATURATION CONCENTRATION | MIRANDA, JESUS |
| 09839153 | Not Issued | 161 | 04/23/2001 | SOLUBILITY PARAMETER BASED DRUG DELIVERY SYSTEM AND METHOD FOR ALTERING DRUG SATURATION CONCENTRATION | MIRANDA, JESUS |
| 09456278 | Not Issued | 071 | 12/07/1999 | TRANSDERMAL PATCH FOR DELIVERING VOLATILE LIQUID DRUGS | MIRANDA, JESUS |
| 09318121 | 6221383 | 150 | 05/25/1999 | SOLUBILITY PARAMETER BASED DRUG DELIVERY SYSTEM AND METHOD FOR | MIRANDA , JESUS |

| | | | | ALTERING DRUG SATURATION CONCENTRATION | 1 |
|----------|------------|-----|------------|--|--------------------|
| 09274886 | 6235306 | 150 | 03/23/1999 | SOLUBILITY PARAMETER BASED DRUG DELIVERY SYSTEM AND METHOD FOR ALTERING DRUG SATURATION CONCENTRATION | MIRANDA, JESUS |
| 08907906 | 6024976 | 150 | 08/11/1997 | SOLUBILITY PARAMETER BASED DRUG DELIVERY SYSTEM AND METHOD FOR ALTERING DRUG SATURATION CONCENTRATION | MIRANDA, JESUS |
| 08472759 | Not Issued | 169 | 06/07/1995 | TRANSDERMAL COMPOSITIONS CONTAINING LOW MOLECULAR WEIGHT DRUGS WHICH ARE LIQUID AT ROOM TEMPERATURES | MIRANDA , JESUS |
| 08433754 | 5958446 | 150 | 05/04/1995 | SOLUBILITY PARAMETER BASED DRUG DELIVERY SYSTEM AND METHOD FOR ALTERING DRUG SATURATION CONCENTRATION | MIRANDA , JESUS |
| 08409545 | Not Issued | 161 | 03/24/1995 | PRINTED TRANSDERMAL DRUG DELIVERY DEVICE | MIRANDA , JESUS |
| 08384385 | Not Issued | 161 | 02/03/1995 | PRINTED TRANSDERMAL DRUG DELIVERY DEVICE AND METHOD OF ADMINISTERING NICOTINE TRANSDERMALLY THEREWITH | MIRANDA , JESUS |
| 08342764 | Not Issued | 161 | 11/21/1994 | PRINTED TRANSDERMAL DRUG DELIVERY DEVICE | MIRANDA , JESUS |
| 08270828 | Not Issued | 163 | 07/05/1994 | SOLUBILITY PARAMETER BASED DRUG DELIVERY SYSTEM AND METHOD FOR ALTERING DRUG SATURATION CONCENTRATION | MIRANDA , JESUS |
| 08178558 | 5656286 | 150 | 01/07/1994 | SOLUBILITY PARAMETER BASED DRUG DELIVERY SYSTEM AND METHOD FOR ALTERING DRUG | MIRANDA , JESUS |

| | # ! ! | | | SATURATION CONCENTRATION | 1 |
|----------|-------------|-----|------------|---|-----------------------|
| 08011798 | Not Issued | 164 | 02/01/1993 | CONTINUOUSLY VARIABLE TRANSMISSION | MIRANDA , JESUS R. |
| 07960711 | Not Issued | 168 | 10/14/1992 | PRINTED TRANSDERMAL DRUG DELIVERY DEVICE | MIRANDA, JESUS |
| 07935044 | Not Issued | 166 | 08/25/1992 | PRINTED TRANSDERMAL DRUG DELIVERY DEVICE | MIRANDA , JESUS |
| 07860300 | 5271940 | 150 | 03/27/1992 | TRANSDERMAL DELIVERY DEVICE HAVING DELAYED ONSET | MIRANDA , JESUS |
| 07769155 | Not Issued | 163 | 09/27/1991 | PRINTED TRANSDERMAL DRUG DELIVERY DEVICE | MIRANDA , JESUS |
| 07763985 | Not Issued | 166 | 09/23/1991 | PRINTED TRANSDERMAL DRUG DELIVERY DEVICE | MIRANDA , JESUS |
| 07722342 | 5474783 | 150 | 06/27/1991 | SOLUBILITY PARAMETER BASED DRUG DELIVERY SYSTEM AND METHOD FOR ALTERING DRUG SATURATION CONCENTRATION | MIRANDA , JESUS |
| 07453617 | Not Issued | 166 | 12/20/1989 | PRINTED TRANSDERMAL DRUG DELIVERY DEVICE | MIRANDA , JESUS |
| 07407476 | Not Issued | 166 | 09/14/1989 | TRANSDERMAL DELIVERY DEVICE HAVING DELAYED ONSET | MIRANDA , JESUS |
| 07394096 | 5091186 | 150 | 08/15/1989 | BIPHASIC TRANSDERMAL DRUG DELIVERY DEVICE | MIRANDA , JESUS |
| 07215074 | 4915950 | 150 | 07/05/1988 | PRINTED TRANSDERMAL DRUG DELIVERY DEVICE | MIRANDA , JESUS |
| 07155327 | Not Issued | 164 | 02/12/1988 | TRANSDERMAL ADMINISTRATION OF CERTAIN NICOTINE SALTS | MIRANDA , JESUS |

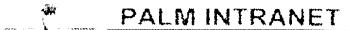
Inventor Search Completed: No Records to Display.

| | Last Name | | First Name | |
|-----------------|-----------|---------|------------|--------|
| Search Another: | 4 | MIRANDA | | |
| Inventor | JESU | S | | Search |

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Day: Wednesday Date: 7/2/2003 Time: 16:53:24

Inventor Name Search Result

Your Search was:

Last Name = BETLACH First Name = CHARLES

| Application# | Patent# | Status | Date Filed | Title | Inventor Name |
|--------------|------------|--------|------------|---|----------------------------|
| 60111285 | Not Issued | 159 | 12/07/1998 | TRANSDERMAL PATCH FOR DELIVERING VOLATILE LIQUID DRUGS | BETLACH II , CHARLES J. |
| 60111231 | Not Issued | 159 | 12/07/1998 | TRANSDERMAL PATCH FOR DELIVERING VOLATILE LIQUID DRUGS | BETLACH II , CHARLES J. |
| 09456278 | Not Issued | 071 | 12/07/1999 | TRANSDERMAL PATCH FOR DELIVERING VOLATILE LIQUID DRUGS | BETLACH, CHARLES J. |
| 08032724 | 5374661 | 150 | 03/16/1993 | COMPOSITION AND METHOD FOR TRANSDERMAL DELIVERY OF DICLOFENAC | BETLACH , CHARLES J. |
| 07725352 | Not Issued | 166 | 07/03/1991 | COMPOSITION AND METHOD FOR TRANSDERMAL DELIVERY OF DICLOFENAC | BETLACH , CHARLES J. |

Inventor Search Completed: No Records to Display.

| | Last Name | | First Name | |
|-----------------|-----------|---------|------------|--------|
| Search Another: | | BETLACH | | |
| Inventor | | CHARLES | | Search |

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